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APPENDIX K

NEW ENGLAND REGION 19 47 CFR PART 90 - PRIVATE LAND MOBILE RADIO SERVICES

Subpart R - Regulations Governing the Licensing and Use of Frequencies in the 764-776 and 794-806 MHz Bands

- 90.521 Scope.
- 90.523 Eligibility.
- 90.525 Administration of Interoperability channels
- 90.527 Regional plan requirements.
- 90.529 State License.
- 90.531 Band plan.
- 90.533 Transmitting sites near the U.S./Canada or U.S./Mexico border.
- 90.535 Modulation and spectrum usage efficiency requirements.
- 90.537 Trunking requirement.
- 90.539 Frequency stability.
- 90.541 Transmitting power limits.
- 90.543 Emission limitations.
- 90.545 TV/DTV interference protection criteria.
- 90.547 Interoperability channel capability requirement.
- 90.548 Interoperability technical standards.
- 90.549 Transmitter certification.
- 90.551 Construction requirements.
- 90.553 Encryption.

§ 90.521 Scope.

This subpart sets forth the regulations governing the licensing and operations of all systems operating in the 764-776 MHz and 794-806 MHz frequency bands. It includes eligibility, operational, planning and licensing requirements and technical standards for stations licensed in these bands. The rules in this subpart are to be read in conjunction with the applicable requirements contained elsewhere in this part; however, in case of conflict, the provisions of this subpart shall govern with respect to licensing and operation in these frequency bands.

§ 90.523 Eligibility.

This section implements the definition of public safety services contained in 47 U.S.C. § 337(f)(1). The following are eligible to hold Commission authorizations for systems operating in the 764-776 MHz and 794-806 MHz frequency bands:

(a) *State or local government entities.* Any territory, possession, state, city, county, town, or similar State or local governmental entity is eligible to hold authorizations in the 764-776 MHz and 794-806 MHz frequency bands.

(b) *Nongovernmental organizations.* A nongovernmental organization (NGO) that provides services, the sole or principal purpose of which is to protect the safety of life, health, or property,

is eligible to hold an authorization for a system operating in the 764–776 MHz and 794–806 MHz frequency bands for transmission or reception of communications essential to providing such services if (and only for so long as) the NGO applicant/licensee:

(1) Has the ongoing support (to operate such system) of a state or local governmental entity whose mission is the oversight of or provision of services, the sole or principal purpose of which is to protect the safety of life, health, or property;

(2) Operates such authorized system solely for transmission of communication essential to providing services the sole or principal purpose of which is to protect the safety of life, health, or property; and

(3) All applications submitted by NGOs must be accompanied by a new, written certification of support (for the NGO applicant to operate the applied for system) by the state or local governmental entity referenced in paragraph (b)(1) of this section.

(c) *All NGO authorizations are conditional.* NGOs assume all risks associated with operating under conditional authority. Authorizations issued to NGOs to operate systems in the 764–776 MHz and 794–806 MHz frequency bands include the following condition: If at any time the supporting governmental entity (see paragraph (b)(1)) notifies the Commission in writing of such governmental entity's termination of its authorization of a NGO's operation of a system in the 764–776 MHz and 794–806 MHz frequency bands, the NGO's application shall be dismissed automatically or, if authorized by the Commission, the NGO's authorization shall terminate automatically.

(d) Paragraphs (a) and (b) notwithstanding, no entity is eligible to hold an authorization for a system operating in the 764–776 MHz and 794–806 MHz frequency bands on the basis of services, the sole or principal purpose of which is to protect the safety of life, health or property, that such entity makes commercially available to the public.

§ 90.525 Administration of Interoperability channels

(a) States are responsible for administration of the Interoperability channels in the 764–776 MHz and 794–806 MHz frequency bands. Base and control stations must be licensed individually. A public safety entity meeting the requirements of § 90.523 may operate mobile or portable units on the Interoperability channels in the 764–776 MHz and 794–806 MHz frequency bands without a specific authorization from the Commission provided it holds a part 90 license. All persons operating mobile or portable units under this authority are responsible for compliance with part 90 of these rules and other applicable federal laws.

(b) License applications for Interoperability channels in the 764–776 MHz and 794–806 MHz frequency bands must be approved by a state-level agency or organization responsible for administering state emergency communications. States may hold the licenses for Interoperability channels or approve other qualified entities to hold such licenses. States may delegate the approval process for Interoperability channels to another entity, such as regional planning committees.

§ 90.527 Regional plan requirements.

Each regional planning committee must submit a regional plan for approval by the Commission.

(a) *Common elements.* Regional plans must incorporate the following common elements:

(1) Identification of the document as the regional plan for the defined region with the names, business addresses, business telephone numbers, and organizational affiliations of the chairpersons and all members of the planning committee.

(2) A summary of the major elements of the plan and an explanation of how all eligible entities within the region were given an opportunity to participate in the planning process and to have their positions heard and considered fairly.

(3) A general description of how the spectrum would be allotted among the various eligible users within the region with an explanation of how the requirements of all eligible entities within the region were considered and, to the degree possible, met.

(4) An explanation as to how needs were assigned priorities in areas where not all eligible entities could receive licenses.

(5) An explanation of how the plan had been coordinated with adjacent regions.

(6) A detailed description of how the plan put the spectrum to the best possible use by requiring system design with minimum coverage areas, by assigning frequencies so that maximum frequency reuse and offset channel use may be made, by using trunking, and by requiring small entities with minimal requirements to join together in using a single system where possible.

(7) A detailed description of the future planning process, including, but not limited to, amendment process, meeting announcements, data base maintenance, and dispute resolution.

(8) A certification by the regional planning chairperson that all planning committee meetings, including subcommittee or executive committee meetings, were open to the public.

(b) *Modification of regional plans.* Regional plans may be modified by submitting a written request, signed by the regional planning committee, to the Chief, Wireless Telecommunications Bureau. The request must contain the full text of the modification, and must certify that successful coordination of the modification with all adjacent regions has occurred and that all such regions concur with the modification.

§ 90.529 State License.

(a) Narrowband channels designated as state channels in § 90.531 are licensed to each state (as defined in § 90.7) as follows:

(1) Each state that chooses to take advantage of the spectrum designated as state channels must file an application for up to 2.4 megahertz of this spectrum no later than December 31, 2001. For purposes of this section, the elected chief executive (Governor) of each state, or his or her designee, shall be deemed the person authorized to apply for the State License.

(2) What ever part of this 2.4 megahertz that a state has not applied for by December 31, 2001, will revert to General Use and be administered by the relevant RPC (or RPCs in the instances of states that encompass multiple RPCs).

(b) Each state license will be granted subject to the condition that the state certifies on or before each applicable benchmark date that it is:

(1) providing or prepared to provide "substantial service" to one-third of their population or territory by January 1, 2012, *i.e.*, within five years of the date that incumbent broadcasters are required to relocate to other portions of the spectrum;

June 2003 Minutes

Meeting of the New England Region 700 MHz Technical Advisory Committee
Tuesday, June 10, 2003

The meeting convened at 10:10 AM

Present were the Chairman, Vice-Chairman, Secretary. Attendees signed attendance roster that was passed around.

The Chairman referenced the Agenda and the following items were discussed:

Approval of the minutes of the previous meeting held March 10, 2003.

Moved by G. Carbonell, seconded by S. Brown that the Minutes the meeting of March 10 2003 be accepted. Accepted by unanimous voice vote.

Membership Report:

The chairman reviewed the Current membership of the committee and the members present. He noted that participation by Vermont has been minimal. There was no Vermont representation at the recent Vermont meeting. Chairman Pohorilak indicated he would continue to seek Vermont members for the committee.

The chair addressed the need to take initiatives on a state level to begin planning for the use of 700MHz spectrum. He requested that state representatives report on any activities of the Region Nineteen member States in meeting or planning for 700MHz use.

Connecticut: The Chairman addressed Connecticut and indicated the Department of Information & Technology (DOIT) has lost a number of persons due to statewide layoffs. DOIT holds the State License and has not initiated any formal meetings or begun the planning process.

The result of the layoffs has impacted all state agencies including the Department of Public Safety. Losing two employees in the Chairman's office has resulted in less time available to visit and contact other States regarding the survey and planning of Interoperability and State use of 700MHz

In Connecticut an 800MHz Interoperability Committee has been formed and has purchased and distributed 800MHz radios with grant money. These ICAL/IT AC radios will be used in Connecticut under the Region 19 Interoperability Plan and the Connecticut State Police have a network in place to provide Statewide coverage. The State is also applying for additional monies for control stations and radios. The Office of Emergency Management has purchased 20 trailers equipped with interoperability repeaters and a cache of radios. To date approximately 12 trailers have been accepted and distributed statewide.

Rhode Island: No report of activities.

Massachusetts: Mr. Sutherland noted that the Executive Council of Public Safety has formed the State interoperability plan committee progress is being made in identifying key related needs.

New Hampshire: Mr. Kowalik reported that numerous State agencies are being combined to form a multiple disciplined agency to oversee 'Homeland Security'. The exact form of this agency has not been resolved.

Vermont: No report

Maine: No report.

NCC Update.

The chairman reported that the Department of Justice (DOJ) federal budget allocation has changed and monies are not now allocated to specific departments/projects but to the Department. DOJ project funding for CAPRAD might be challenged by reorganization and budget appropriations. He questioned how this would affect the future use of CAPRAD.

FCC Update - No 700MHz issues were raised

The Committee Discussed:

-Public Safety system overload during planned and unplanned events. Public Safety Agencies have complained that their systems become overloaded during any type of event and there is a need for additional spectrum in all bands. Commercial systems experience the same problems during events and the problems multiply once the media arrives. Officer safety is jeopardized once a system experiences overload.

-FCC rulings on 4.9 GHz and effect on Public Safety. The FCC is making 4.9GHz available within the next few weeks once the report and order is published. All public Safety entities are eligible to license all 50MHz of spectrum. The equipment does not exist at this time but the technology is known as "Mesh Network". More information to following in the next meetings

The Chairman noted from the Report and Order -Item 16 of FCC 03-99. "The 4.9 GHz Band Transferred from Federal Government Use" The 700 MHz RPUC's will have to develop a 4.9 MHz plan in addition to the 700 MHz plan.

-The effect of licensed spread spectrum on public safety communications. Noted that there are very few spread spectrum applications pending since there are limited number of spread spectrum frequencies. Commercial spread spectrum operations interfere daily with Public Safety operations.

-CAPRAD training for additional committee members.

APCO is providing CAPRAD training prior to their annual conference in Indianapolis, IN. Any member is welcome to attend at their own expense. Mr. Kowalik indicated that he would attend the class. Mr. Carbonell noted that some sort of coordinating fee could help support the local committee expenses.

Plan Development

The options for a scoring methodology were discussed. The Chairman noted that previously distributed Options A and B had the most responses. The Chairman discussed Option A in length and Mr. Zarwanski pointed out some specifics in Option B.

The details of eligibility were discussed at length. The definition of Categories was discussed at length. E. Derdak noted that entities that are eligible on other services should have a lower scoring/rating. He gave examples of bus companies and utility companies.

A motion was raised to adopt plan A was MOVED by J. Warakois seconded by B. Sutherland. Vote by show of hands to accept this portion of the plan as presented. Plan A of the scoring scheme was ACCEPTED by show of hands (12 in favor, 1 opposed.)

New Business:

Next meeting is scheduled in Connecticut at CT Fire Academy, Windsor Locks, CT, September 9, 2003, 10:00a.m.

The December meeting will be held Concord NH, December 9th.

Mr. Kowalik discussed 'Self-promotion' of the RPUC: The website should present our mission statement. Mr. Carbonell indicated he will draft an overview and present it to the committee at the next meeting.

Moved for adjournment, Carried. Meeting adjourned 12:15 PM.

Respectfully submitted
Jim Warakois, Secretary

Documents distributed:

- FCC 03-99 The 4.9 GHz Band Transferred from Federal Government Use, Wt docket No.00-32 MEMORANDUM OF OPINION AND ORDER AND THIRD REPORT AND ORDER, Adopted: April 23, 2003 Released May 2, 2003
- A copy of a Power Point Presentation, by Bob Speidel, June 6 2003, regarding 4.9 GHz rulings by the FCC.
- Associated Press, Thursday, May 29, 2003, "State of Maine. System upgrade with new technologies."

September 2003 Minutes

Meeting of The FCC Region 19 700 MHz Technical Advisory Committee

Tuesday September 9, 2003

Connecticut Fire Academy, 34 Perimeter Road, Windsor Locks, CT

The meeting was call to order at 10:00am.

Present were the Chairman, Vice-Chairman, and Secretary. Attendees signed the attendance roster that was passed around.

Approval of Minutes-June 10, 2003

The chair provided copies of the agenda and previous meeting report. Moved by G. Carbonell and Seconded by Steve Brown that the minutes of the meeting of June 10, 2003 be approved. The previous meeting minutes was approved by consensus.

Membership

The chairman stated he will continue to request participation from those states that still need representation in this committee. Vermont has had no participation in this committee for several years.

The next meeting will be on December 9, 2003 at State Police Headquarters, Concord New Hampshire. Directions will be placed on the website at ner700mhz.org.

According to the committee's bylaws there should be an annual election at the fall meeting (this meeting). The Chairman announced that any person wishing to be a candidate for any of the three positions **Chairman, Vice Chairman and Secretary** should make their candidacy known. No response was heard. G. Carbonell moved that the incumbent Chairman, George Pohorilak, Vice Chairman, Jerry Zarwanski and Secretary Jim Warakois continue in their positions for the coming year. Seconded by Steve Brown and Voted unanimously to continue the current leadership.

State Update

Connecticut is attempting to form a State Executive Interoperability Committee (SEIC). The Connecticut committee has been distributing 800 MHz radios designed strictly for interoperability use.

Massachusetts has a SEIC committee that is conducting meetings at various venues across the state for the purpose of enlightening the Public Safety Community on the current availability of interoperability plans, facilities, and working groups.

Vermont representation was absent.

New Hampshire indicated that December is the target date for the SEIC to meet. Mr. Kowalik indicated that the state of New Hampshire has many homeland security projects and additional requests for other radio communications projects.

Maine and Rhode Island representation was absent.

New York State announced their first SEIC meeting to be held on December 2, 2003. New York State will establish working groups for the various disciplines.

Mr. Schlieman indicated that the two regions in New York would review other 700MHz plans (region 5, 24, 33, etc) to ensure uniformity of such plans. He reported that the NCC has a recommendation for standardized nomenclature. In regards to the state licensed channels New York State submitted a proposal for dealing with border sharing issues. Canada has agreed to set aside Channels 63 and 68 for border areas.

The Chairman, George Pohorilak indicated Jerry Zarwanski and he would attend the Region 8 meeting that will be held September 10, 2003 in NYC.

FCC Update

NCC report- All recommended rule changes from the NCC subcommittees were forwarded to the NCC. A recommendation for wide band interoperability and various completed documents were forwarded to the steering committee. Mr. Eierman indicated that TIA TR8 committee has a document in ballot that will be acted on in the next TIA meeting session.

CAPRAD

Chair indicated that this committee will use CAPRAD. However, at this time the committee has used up all the funds available for training.

It was reported that there was discussion (at the FCC) that the use of CAPRAD be made mandatory. Regional Planning committees will have to make use of the database to provide accurate information to adjacent regions. Mr. Kowalik noted that the CAPRAD web site has information available for all regions and data associated with all regions.

Plan Development - Scoring Matrix

New Hampshire indicated that the committee adopted the matrix in the previous meeting. Typographical errors were pointed out. The chair reminded the committee that the matrix document is a working document and changes or modifications are welcome.

Mr. Eierman indicated that the FCC has not approved any 700MHz Regional Plans to date. The Region 5 original plan submission was initially rejected due to various reasons including; Tribal Nation notification, adjacent region approval, attachments including all regional planning activity documents associated with the region, etc. Region 5 has re-submitted their plan to the Commission with additional information.

The insertion of a footnote was recommended for addressing language on Section 4, first paragraph-... For an analog system 0 points...

The footnote would read "*Where allowed for LP or mobile only or subscriber equipment*". It was clarified that no analog operations is allowed for interoperability channels.

Part 2, Appendix G

Presentations

Mr. Speidel (M/A Com) presented "700MHz Update and Other Assorted Topics." A copy of the presentation was made available.

Mr. O'Hara (SRC) presented "*Final 700MHz General Use Narrow Band Allotment Pool-Region 8.*" A copy of the presentation was made available.

Mr. O'Hara also discussed how the 700MHz Pool allotments were generated.

4.9 GHZ

The Chairman moved for this committee to convene their first 4.9GHz meeting in conjunction with the next 700MHz Regional Planning Committee meeting in December 2003. The motion was approved by consensus.

New Business

No new business identified.

Meeting adjourned by motion at 12:20 pm.

Minutes by: Jim Warakois, Secretary

DECEMBER 2003 MINUTES

Meeting of The FCC Region 19700 MHz Technical Advisory Committee
Tuesday December 9, 2003
New Hampshire State Police Headquarters, 33 Hazen Drive, Manchester, NH

The meeting was called to order at 10:00am.
Present were the Chairman, and Secretary. Attendees signed the attendance roster.

Approval of Minutes

The Chairman provided a copy of the attendance list for circulation and requested all present initialize the list or add their name to the list. He asked that all check their record of attendance and bring to his attention any discrepancies in the record.

MOVED by Mr. Leary, and **SECONDED** by Mr. Welch that the minutes of the previous meeting, September 9, 2003 be **ACCEPTED**. There was no discussion and the Minutes were **APPROVED** unanimously.

Membership

Mr. Kowalik noted that there are changes to the New Hampshire representatives on the committee. The AASHTO representative will be Mr. Dave Chase. Mr. Herrick of NH, Emergency Management has resigned and will be replaced by Mr. Don Keeler.

Mr. Kowalik requested the committee add Mr. Don Bardwell of NH State Police Communications for membership/nomination into the committee. His membership would be identified as the New Hampshire Police representative.

The Chairman requested a written letter of nomination for Mr. Bardwell, Mr. Chase, and Mr. Keeler from higher administrative authorities in their respective discipline before the committee can accept approval for membership.

The Chairman noted various vacancies in the committee representation. He expressed concern that those who are not participating will not reap the future benefits as the committee moves forward. Further contact will be made with the administrations of those entities that are minimally represented on the committee in hopes of increasing attendance and membership.

State Update

Connecticut - There is an attempt being made to formalize a "State Interoperability Executive Committee". Draft proposals have been submitted. The need for coordination of interoperability is recognized. Progress is being made.

New Hampshire - Mr. Kowalik described the "New Hampshire State Police Digital Interoperability Expansion Project". This program will provide an upgrade to the existing infrastructure. The formation of a State Interoperability Executive Committee will allow certain related issues to be addressed formally. After describing the current and proposed statewide system Mr. Kowalik answered specific questions from the group.

Part 2, Appendix G

NCC Update

The Chairman noted that additional funding would be made available to the Regional Committees, as in the past.

FCC Update

There is no current news from the FCC regarding 700 MHz activity.

CAPRAD

Mr. Carbonell reported that Regional CAPRAD updates would occur.

The Chairman noted that further training in the use of CAPRAD could be funded in part by the upcoming Regional Committee funding via NCC.

Plan Development

The Chairman noted that paper copies and a CD of the draft have been mailed to all committee members. Corrections were distributed for Section 6, Page 3, (General use) Paragraph one, second sentence, the frequency groups are changed to 6.25 kHz rather than 25 kHz.

Mr. Carbonell noted that the "general limits" sentence was omitted during the correction. It will be reinserted in the next printing.

Part 1, section 9, page 2 is deleted. It is not applicable to Region 19.

Appendix G, page 19, "Rhode Island", change Paul Leary to FCCA inquiry. Delete EMS inquiry reference.

Section I, Page 2. Update certain of the contact addresses.

The Chairman projected Committee approval of the Plan at the March meeting. Thereafter, the plan will be submitted to the FCC and adjacent regions.

Plan for 4.9 GHz

Plan development for the 4.9 GHz band is slowly starting to form. Development of this plan was described as "repairing Humpty Dumpty after he was pushed off the wall."

Mr. Derdak questioned the enforceability of a 4.9 GHz Plan after the incumbents are already operating systems.

New Business

No new business was introduced.

Moved by Mr. Carbonell, and seconded that the meeting adjourn.
Meeting adjourned at 11:30 am.

Respectfully submitted
James Warakois, Secretary

March 2004 Minutes

Meeting of the FCC Region 19 700 MHz Technical Advisory Committee

Tuesday March 9, 2004

Massachusetts State Police General Headquarters
470 Worcester Road, Framingham, MA

The meeting was called to order by the Chairman at 10:05 AM.

Present: Mr. Pohorilak, Chairman, Mr. Zarwanski, Vice Chairman, Mr. Warakois, Secretary. All members present were asked to initial the attendance roster next to their printed names and correct any associated errors. Any one attending for the first time was asked to complete all the columns at the end of the attendance roster.

Previous Minutes discussion:

Mr. Kowalik moved to correct the minutes of the December 2003 meeting, second paragraph to read "... Mr. Tom Bardwell..." Moved to accept minutes as corrected.

Accepted by unanimous vote.

The Chairman requested representatives from each State provide an update of State activities.

Connecticut.

Mr. Pohorilak reported that representation from multiple agencies has been coordinated and meetings conducted to form the "Interoperability Committee." This committee will implement the distribution of technology to aid communications interoperability and future communications planning. Mr. James (Skip) Thomas is the Chairman. Mr. Pohorilak has offered to share information with Mr. Sutherland of Massachusetts.

Massachusetts

Mr. Sutherland reported that the Executive Office of Public Safety has convened an ad hoc working group for interoperability. Meetings have been held at various regions throughout the State to expand existing infrastructure. Consultant studies have been made and approved by the ad hoc group. The effort has gone into planning for the orderly release of Federal Interoperability funds when they become available. Funding will be disbursed to identified consortiums to aid with their interoperability planning. Effort is being made to coalesce such groups where they are not organized. The Office of the Secretary of Public Safety is supporting this activity.

New Hampshire

Mr. Kowalik noted that several interoperability projects have begun. The "I-95" corridor project with the New Hampshire Department of Transportation and other State agencies. The New Hampshire State Police infrastructure is expanding gateways into other frequency bands. Another Interoperability Committee is working with Fire and EMS communities to bring them together using ICAL, ITAC and ITIA gateways. The separate working groups have yet to congeal into a single Interoperability group.

Rhode Island

A communications working group has been formed under the Governor's Disaster Subcommittee. A virtual radio channel called "Right Turn" connects all of state dispatch facilities through an 800 MHz backbone. Washington County, the southern most part of the State, will eventually merge into a statewide 800 MHz system. The current DOT and RIPTA (Rhode Island Public Transit Authority) systems will be merged to form part of a larger statewide system.

Maine -

No report

Vermont -

No report

NCC

NCC filed the final report.

FCC

Mr. Carbonell noted that the FCC notice regarding license cancellations will take effect very soon. Letters of Construction should be completed and on file with the FCC.

CAPRAD

The Committee is ready to utilize CAPRAD when the time comes to assign frequencies. Two Committee members have been sent for CAPRAD training. More will be sent when funding becomes available.

4.9 GHz

The 4.9 GHz meeting will follow the end of the 700MHz meeting. A separate agenda has been created for a 4.9GHz meeting.

700 MHz Plan Update

The Chairman reviewed the progress of the 700MHz meeting to date and acknowledged the editing efforts of Joan Carrasquillo, CT OSET and Vice Chairman, Mr. Zarwanski. Comments have been received from Bette Reinhardt, Motorola and others. Conference calls among technical members of the committee have been held to finalize aspects of the document.

Discussion:

Mr. Sutherland inquired as to the number of plans that have been already submitted to the FCC. Mr. Zarwanski indicated that two or three plans have been submitted to the FCC, none have been accepted. The FCC has provided reply comments back to those plans that have been reviewed.

Most plans have been developed around the NCC and NPSTC suggestions.

The Chairman suggests that all members thoroughly review the plan before the next meeting in June 2004. Vote for adoption of the plan will occur in the next meeting in Vermont.

Mr. Warakois questioned the tables of allocation based on county allotments whereas the New England states frequently identify population bodies by municipal boundaries, being contiguous with one and another. Mr. Kowalik noted that Appendix L will be updated as the allocations commence. Mr. Carbonell noted that the Region borders might generate some problems in assignment of frequencies.

Mr. Zarwanski noted that the Drafts of the Plan were distributed to the Region 8 and Region 30 committees for preview.

Mr. Carbonell questioned if Part I Section 3, 2.4. Suspension or Removal from the committee would be in effect for the next meeting. The Chairman noted that attendance issue would be considered for the final acceptance. The suggestion was made that video conferencing should be considered for some of the future meetings. The benefits/drawbacks were discussed by the committee. The availability of such video conference bridge facilities was discussed.

The Chairman noted that a pre June meeting would be held by telephone conference bridge in May, the date to be determined. All members will be notified.

Mr. Carbonell wished a clarification of Part I Section 6, page 6, -second paragraph, Procedures for frequency coordination. He noted that to reduce confusion, distances should be noted consistently in units of English or metric values.

Mr. Derdak noted further changes to be made in the text regarding the "20-foot rule" being also known as the "6.1-meter rule".

This concluded the 700MHZ meeting. The meeting continued on as the 4.9 GHz Advisory Committee Meeting.

APPENDIX G NEW ENGLAND REGION 19 MEETINGS - ATTENDANCE

Committee Members in Attendance

Name	Agency	12/7/2000	3/29/2001	6/20/2001	9/26/2001	12/11/2001	3/12/2002	6/11/2002	9/10/2002	12/10/2002	3/11/2003	6/10/2003	9/9/2003	12/9/2003	3/9/2004	6/8/2004
Aiken, Douglas	Lakes Region Mutual Fire Aid															
Brown, Stephan	Conn. Dept. of Transportation, Aviation			X			X	X	X	X	X	X	X	X	X	X
Bardwell, Thomas	New Hampshire Department of Safety															
Carbonell, George	Conn. Dept. of Transportation		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Crotty Thomas	Rhode Island State Police	X	X	X	X	X			X			X				
Derdak, Elliot	Boston Emergency Medical Services	X				X	X	X		X		X	X	X	X	X
Dobbins, Caleb	New Hampshire Dept. of Transportation									X						
Gustafson, John	New Haven Medical Emergency Dispatch						X			X			X			
	New Hampshire Office of															
Herrick, H. Meade	Emergency Management								X	X						
Kowalik, James	New Hampshire State Police	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	New Hampshire Dept. of															
Leary, Paul	Resource & Economic Development							X	X	X				X		X
Mansfield, William	Nashua Police Dept.									X	X	X	X	X	X	
Muise, Tom	Mass. Office of Emergency Management								X	X						
O'Brien, Arthur	Mass. Highway Dept.															
Plante, William	Maine Dept. of Transportation															
	Conn. Dept. of Public Safety,															
Pohorilak, George	Statewide Emergency Telecommunications	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Poole, Mark	Maine State Police				X			X								
Richardson, Greg	Boston Fire Department	X	X						X	X	X	X		X	X	X
Shand, Gordon	Conn. Dept. of Public Health						X									
Stemmler, Michael	Conn. State Police		X	X		X		X		X						X
Sutherland, Blair	Mass. State Police			X		X			X						X	
Walsh, Thomas	Conn. Military Dept., Emergency Management	X					X	X			X		X			X
Warakois, James	Boston Police Department	X	X	X	X	X	X	X	X	X	X		X	X	X	X

Committee Members in Attendance

<u>Name</u>	<u>Agency</u>	12/7/2000	3/29/2001	6/20/2001	9/26/2001	12/11/2001	3/12/2002	6/11/2002	9/10/2002	12/10/2002	3/11/2003	6/10/2003	9/9/2003	12/9/2003	3/9/2004	6/8/2004
Wood, Bill	New Hampshire Bureau of Emergency Management Services									X						
Zarwanski, Jerry	Conn. Dept. of Public Safety, Statewide Emergency Telecommunications	X	X	X	X	X	X	X	X	X	X		X		X	X

APPENDIX G **NEW ENGLAND REGION 19 MEETINGS - ATTENDANCE**

Others in Attendance

<u>Name</u>	<u>Agency</u>	12/7/2000	3/29/2001	6/20/2001	9/26/2001	12/11/2001	3/12/2002	6/11/2002	9/10/2002	12/10/2002	3/11/2003	6/10/2003	9/9/2003	12/9/2003	3/9/2004	6/8/2004
Audi Frank	Conn. Dept. of Information Technology				X	X	X									
Balboni, Phillip	Boston Emergency Medical Services		X													
Barber, Bill	Motorola										X	X		X		X
Bardwell, Thomas	New Hampshire State Police													X	X	
Barl, Michael	Central Mass. Public Safety					X										
Bean, Angela	Vermont Dept. of Public Safety															X
Beckwith, Peter	USAR												X			
Bell, James	RI Emergency Mangement Agency					X									X	
Biron, Peter	Rhode Island State Police					X										
Bruce, Gary	CMED New Haven												X			
Cady, Mark	Worcester Fire Dept. Mass.		X	X	X	X		X		X			X	X		
Celli, Andy	Motorola-Conn.										X		X	X	X	X
Cruikshank, Bob	Motorola-Mass.			X	X		X	X					X	X		X
Daniels, Craig	Marcus Communications												X			
DeNuttie, Peter	New Hampshire Emergency Management													X		
DiBella, Bob	Town of Glastobury	X	X	X	X	X	X	X				X	X	X	X	X
DiRaimo, Sal	NYSTEC												X			
Doherty, Mary	M/A COM Lowell, Mass												X			
Donohough, Thomas	Massachusetts State Police														X	
Donahue, Kevin	M/A Com							X			X			X		
Doucette, Michael	New Hampshire State Police Troop F	X														
Eierman, David	Motorola	X											X			X
Giacomini, John	Motorola					X	X	X	X		X	X	X	X	X	
Glancy, Brian	Rhode Island State Police															X

Section 2, Appendix G

Others in Attendance

Name	Agency	12/7/2000	3/29/2001	6/20/2001	9/26/2001	12/11/2001	3/12/2002	6/11/2002	9/10/2002	12/10/2002	3/11/2003	6/10/2003	9/9/2003	12/9/2003	3/9/2004	6/8/2004
Gore, Ben	York County 911										X					
Gutkowski, Gary	Mass. State Police		X	X		X	X		X						X	
Hamilton, Lance	Motorola - Connecticut														X	
Hanlon, Richard	Mass. State Police		X													
Kajunski, Vincent	FCC								X							
Kittle, Stephen	New England Communications														X	
LaValley, Terry	Vermont State Police			X												
Marcus, Stephen	Marcus Communications												X			
Martinez, Maribel	New York State, Office of Technology												X			
McLoughlin, James	Hartford Fire Dept.												X			
Morris, Ernie	Motorola				X						X					
Mosely, John	Mass. State Police		X													
O'Connor, Joseph	Holyoke (MA) Fire Dept.															X
O'Hara, Sean	Syracuse Research-NYS												X			
Ouellette, Andy	CFPC East Windsor												X			
Pagacik, Ivan	Macro Corp.															X
Pinkham, John	Mass. State Police		X	X	X		X	X	X	X						
Piper, Roy	CT Military Department, OEM							X	X	X				X		
Plante, William	Maine Dept. of Transportation										X					
Pollack, Rick	Motorola-Mass.	X	X										X			
Porter, Bill	Motorola-Southboro, Mass.					X	X	X	X				X		X	X
Prairie, Carl	Springfield Massachusetts Police Dept.												X			
Provost, Ron	Motorola															X
Schlieman, Robert	New York State, Office of Technology					X							X			
Schroll, Ted	Conn. Fire Chiefs TAC												X			
Smith, J. David	Narragansett (RI) Police															X

Section 2, Appendix G

Others in Attendance

Name	Agency	12/7/2000	3/29/2001	6/20/2001	9/26/2001	12/11/2001	3/12/2002	6/11/2002	9/10/2002	12/10/2002	3/11/2003	6/10/2003	9/9/2003	12/9/2003	3/9/2004	6/8/2004
Speidel, Bob	M/A-COM												X			
Sprague, David	Massachusetts State Police														X	
Stanford, Annemarie	M/A COM Meriden, Conn.					X	X						X			
Tanguay, Warren	Holyoke (MA) Fire Dept.															X
	Conn. Dept. of Public Safety												X			
Thompson, Carey	Statewide Emergency Telecommunications															
Thomson, Ralph		X	X	X	X											
Troup, David	Boston Police Dept.	X			X											
Vail, Jason	M/A COM Lowell, Mass.												X			
Varghan, Don	C-Com Consulting Group												X			
Varney, Michael	Conn. Fire Chiefs Assoc. and TAC												X			
Vallarelli, John	Mass. Transit Authority Police															X
Verbil, Stephen	Verbil Communications	X	X	X	X											
	New Hampshire Office of								X							
Welch, Chuck	Emergency Mangement									X	X	X	X	X		
	New Hampshire Bureau of															
Wood, William	Emergency Medical Services										X					

APPENDIX G

MEETING NOTIFICATION METHODS

New England Region 19 uses various methods to notify its members and the public of meeting notices.

Meeting notices have been posted on the Federal Communications Commission website.
Meeting notices have been posted on the New England Region 19 700 MHz website.
Meeting notices have been posted on the Connecticut Department of Public Safety website.

Emails have been sent to all those who have requested to be notified by this means.

Notices have been posted in the APCO Atlantic chapter newsletter.

Notices have been posted in the Connecticut E9-1-1 newsletter.

Letters have been sent to public safety officials within the Region.

Samples of these notices are attached.

PUBLIC NOTICE

News media information 202 / 418-0500
Fax-On-Demand 202 / 418-2530
TTY 202 / 418-2555
Internet: <http://www.fcc.gov>
nlp.fcc.gov

Federal Communications Commission
445 12th St., S.W.
Washington, D.C. 20554

DA 03-2520
July 28, 2003

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

REGION 19 (NEW ENGLAND) 700 MHz PUBLIC SAFETY PLANNING COMMITTEE ANNOUNCES TWELFTH PLANNING MEETING

The Region 19 (New England) 700 MHz Public Safety Planning Committee announces that its twelfth meeting will be held on September 9, 2003 at 10:00 a.m., at the Connecticut Fire Academy, 24 Perimeter Road, Windsor Locks, Connecticut. The purpose of the meeting is to continue developing a Regional plan to meet the needs of the 700 MHz spectrum users including Public Safety, Public Health, Emergency Management and Utility services.

The Region 19 Public Safety Planning Committee meeting is open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Connecticut, Massachusetts, Rhode Island, Maine, Vermont and New Hampshire may utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of new public safety spectrum in the 700 MHz band should plan to attend. For further information, please visit the Region 19 web site at www.northeasternpublicsafety.org or contact:

George Polonitsak, Chairman
Region 19, 700 MHz Public Safety Planning
Committee
Department of Public Safety

Part 2, Appendix G

New England Region 700 MHz TECHNICAL ADVISORY COMMITTEE MEETING

June 8, 2004

NEW ENGLAND (REGION 19) 700 MHz PUBLIC SAFETY PLANNING COMMITTEE ANNOUNCES PLANNING MEETING

15th meeting of the Region 700 MHz Public Safety Regional Planning Committee and 4.9GHz will be held Tuesday, June 8, 2004 at 10:00 a.m. - 12:00p.m., at the Brattleboro, Vermont Municipal Center, Grove St., Brattleboro, Vermont 05301

The meeting of the Region 700 MHz National Public Safety Regional Planning committee will convene at 10:00 a.m. The purpose of this meeting is to continue developing a Region plan to meet the needs of the 700 MHz spectrum users including Public Safety, Public Health, Emergency Management and Utility services.

All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in Region 19 would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process.

Interested parties wishing to participate in the planning process for utilization of the new public safety spectrum in the 700 MHz band are encouraged to attend. For additional information concerning this meeting, please contact either the Region 19 Chairman or Vice-Chairman listed below or visit the committee web site at www.ner700mhz.org.

George Pohorilik, Chairman Jerry Zarwanski, Vice-Chairman

Department of Public Safety Department of Public Safety
Division of Fire, Emergency and Building Services Division of Fire, Emergency and Building Services
1111 Country Club Road 1111 Country Club Road
P.O. Box 2794 P.O. Box 2794
Middletown, CT 06457-9294 Middletown, CT 06457-9294

<http://www.ner700mhz.org/meeting.html>

4/22/2004

Part 2, Appendix G

Phone: 860-685-3108 Phone: 860-685-8157

Fax: 860-685-8363 Fax: 860-685-8363

Email: jorge.pobedisa@po.state.nh.us

Email: jorge.warwick@po.state.nh.us

Yelpo 2011
Map of Grove St
Burlington, VT 05401-2818

Yelpo 2011
Directions to Grove St
Burlington, VT 05401-2818

Future meeting dates and locations

September 2004 - Maine
December 2005 - Rhode Island
March 2005 - Connecticut
June 2005 - New Hampshire
September 2005 - Massachusetts
December 2005 - Vermont

[Back to main](#)

<http://www.ner700mhz.org/meeting.html>

4/22/2004

Part 2, Appendix G

PLANNING COMMITTEE MEETING

REGION 19 (NEW ENGLAND) 700 MHz PUBLIC SAFETY PLANNING COMMITTEE ANNOUNCES FIRST MEETING

By this notice, the Region 19 (New England) 700 MHz Public Safety Planning Committee announces that its first meeting will be held on December 7, 2000 at 9:00 a.m. The purpose of the meeting is:

1. Establish procedural rules.
2. Election of a Chairman.
3. Review of plan elements.
4. Review NCC progress.
5. Form workgroups to develop the regional plan.
6. Address any new business.

In accordance with the provisions of FCC Docket 96-86 the Chairman of the New England 800 MHz Regional Plan Update Committee announces the first Regional Planning Committee meeting for 700 MHz.

The meeting will be held at:

Daniel Webster College
20 University Drive
Collings Auditorium
Nashua, NH 03063-1300

All interested parties wishing to participate in the planning for the use of new public safety spectrum in the 700 MHz band should plan to attend. For further information, please contact: